

attached hereto.

Claim 18: (Amended) A component comprising organosilicates with a homogeneous structure consisting of saponified polyvinyl acetate with bound silicate structures, water and residues of the catalyst glycerol, which is suitable for producing polymer mixtures from thermoplasticized starch and a hydrophobic polymer.

*Pat  
CMT*  
Claim 19: (Amended) A process for producing a component consisting of saponified polyvinyl acetate with bound silicate structures comprising hydrolyzing and saponifying the polyvinyl acetate/water dispersion in the presence of the catalyst glycerol with continuously adding of alkaline reacting compounds and of the alkali silicate to the intensively mixed and sheared mixture within a stirred batch reactor.

Claim 20: (Amended) The process according to claim 19, comprising presaponifying the polyvinyl acetate with alkaline reacting compounds up to a degree of hydrolysis of 10% to 40%; and

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subsequently finally saponifying to a degree of hydrolysis of  
between 70% and 85%.

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Claim 25: (Amended) The process according to claim 19,  
wherein the total amount of the catalyst compounds added is  
between 0.5% and 20% by weight based on the weight of the  
polyvinyl acetate.

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Claim 26: (Amended) The process according to claim 25,  
comprising  
providing a batch process; in the batch process, loading the  
polyvinyl acetate first in the form of an aqueous suspension, and  
heating to the reaction temperature of 100°C to 160°C; metering  
the alkaline reacting compound in continuously for  
presaponification; and metering the alkaline water glass solution  
in at reaction temperature after the desired degree of  
saponification has been reached.

Claim 27: (Amended) The process according to claim 19,  
wherein the mixing ratio of polyvinyl acetate to alkali  
silicate expressed in weight proportions of the solid material is  
in the range of 50:50 to 80:20.

Claim 28: (Amended) The process according to claim 19,  
comprising

using sodium disilicate and a hydroxide as a partial or full  
substitute of the alkali silicate solution.

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cancel* Claim 29: (Amended) The process according to claim 19,  
comprising

adding one or a plurality of organofunctional silanes to the  
reaction batch or to the component.

Claim 30: (Amended) The process according to claim 29,  
wherein the silane weight proportion amounts to 3% to 15% of  
the amount of silicate in the alkali silicate solution which is  
introduced in the reaction batch.